

**INDIAN BUREAU OF MINES  
MINERALS DEVELOPEMMENT AND REGULATION DIVISION**

**MCDR INSPECTION REPORT**

**Bhubaneshwar regional office**

**Mine file No :** ORI/BXT/SNG/MCDR-1/BBS

**Mine code :** 07ORI13008

- (i) Name of the Inspecting : **U11** ) **DAYANAND UPADHYAY**  
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Shri H.S. Biswal, Gelogist  
Official with  
Designation
- (iv) Date of Inspection : 03/12/2019
- (v) Prev.inspection date : 19/09/2013

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **KAMANDA**
- (b) **Registration NO.** : **IBM/458/2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
- State : ORISSA
- District : SUNDARGARH
- Village : KAMANDA
- Taluka : KOIRA
- Post office : KOIRA
- Pin Code : 770048
- FAX No. : (06582) 256442
- E-mail : E-mail:Rungtas@satyam.net.:
- Phone : 06582-256861
- (f) Police Station : KOIRA
- (g) First opening date : 27/02/1985
- (h) Weekly day of rest : SUN
2. Address for : M/s RUNGTA SONS (P) LTD. RUNGTA HOUSE CHAIBASA  
correspondance SINGHBHUM (WEST), JHARKHAND- 833 201
3. (a) Lease Number : ORI0231
- (b) Lease area : 43.07
- (c) Period of lease : 20
- (d) Date of Expiry : 25/02/2005
4. Mineral worked : BAUXITE Main

## 5. Name and Address of the

Lessee : M/s Rungta Sons (P) Ltd  
 Rungta House P.O.  
 Chaisabasa SINGHBHUM  
 (WEST) JHARKHAND  
 Phone:(06582) 56861/56761  
 FAX :91 6582 56442

Owner : M/S Rungta Mines Ltd  
 M/S Rungta Mines Ltd Rungta  
 House At P.O.Chaibasa  
 SINGHBHUM (WEST) JHARKHAND  
 Phone: 06582- 56461,56  
 FAX : 91- 6582 - 5644

Agent : A.S.MAHAPATRA  
 Rungta Office, Main Road,  
 Barbil Keonjhar, Orissa  
 KEONJHAR ORISSA  
 Phone: 06767-276651  
 FAX : 06767-276651

## Mining Engineer

Name : RAKESH KUMAR,Full Time  
 Qualification : DME MINING  
 Appointment/ : 01/09/2019  
 Termination date

6. Date of approval of Mining	:	Existing rule 11 MCDR1988	03/08/2007
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	01/05/2015

## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	25 nos. of bore holes during approved plan period 2015-16 to 2019-20.	Proposed bore holes not drilled as Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
1b	Exploration over lease area for geological axis 1 or 2	G1 Level of exploration.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not specified.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
1d	Balance area to be explored to bring Geological axis in 1 or 2	32.937 ha area by 25 nos. of bore holes during approved plan period 2015-16 to 2019-20.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
1e	Balance reserve as on 01/04/20	Balance reserve of Bauxite as per Scheme of mining, approved on 01/05/2015 was: Proved reserve (111 & 122) 445197T and resources (211), 15215T	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
1f	General remarks of inspecting officers on geology, exploration etc	25 nos. of bore holes during approved plan period 2015-16 to 2019-20.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.

## Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Quarry-2, N156 to S58 and E40 to E240.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate benches in OB and ore with 3m height, top soil bench-nil.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
2c	Stripping ratio or ore to OB ratio	1:1.86	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
2d	Quantity of topsoil generation in m3	Not proposed.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
2e	Quantity of overburden generation in m3	59757 cu.m	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Proposed Quarry-2, N156 to S58 and E40 to E240.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.

## Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One pit.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
3b	Quantity of ROM mineral production proposed	41680T	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.

3c	Recovery of sailable/usable mineral from ROM production	37512T	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
3d	Quantity of mineral reject generation	4168T	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
3e	Grade of mineral rejects generation and threshold value declared.	30-40%Al2O3.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
3f	Quantity of sub grade mineral generation.	4168T	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
3g	Grade of sub grade mineral generation	30-40%Al2O3.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
3h	Manual / Mechanised method adopted for segregating from ROM	Manual.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not proposed.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
3j	Provision of drilling and blasting in mineral benches	Blasting with Shot holes drilling by jack hammer and ocassionally with wagon drill.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.

3k	Provision of mining machineries in mineral benches	Small scale shovel dumper combination.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Bench height-3m	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
3m	Total area covered under excavation/pits	12.456 ha during approved plan period.	10.335 ha area covered under existing pits.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
3n	Ore to OB ratio for the pit/mine during the year.	1:1.86	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
3o	Total area put in use under different heads at the end of year	Total area proposed under different heads are Pit-312.456 ha, waste dump-2.72 ha, roads-1.2ha, 27.108 ha & Mineral storage- 1.934 ha.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
3p	Production of ROM mineral during the last five year period as applicable	2014-15: 40014T 2015-16: 33801T 2016-17: 34111T 2017-18: 36994T 2018-19: 41680T	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.

3q	General remarks of inspecting officers on method of mining etc.	Semi mechanised opencast mining proposed in quarry-2.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
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### Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Separate dumping for overburden and mineral reject.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
4b	Location of topsoil, OB and mineral reject dumps	Waste dump-1, E55/E640 and N300/N220	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
4c	Number of dumps within lease area and outside of lease area	Waste dump-1, E55/E640 and N300/N220	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Waste dump-1, E55/E640 and N300/N220 out side UPL.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
4e	Number of active and alive dumps.	Waste dump-1	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
4f	Number of dead dumps.	Not proposed.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
4g	Number of dumps established.	Not proposed.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.

4h	Whether Retaining wall or garland drain all along dumps are there.	Retaining wall 210m and garland drain 226m.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
4i	Length of Retaining wall or garland drain all along dumps	Retaining wall 210m and garland drain 226m.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
4j	Number of settling ponds	01 settling pond.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
4k	Specific comments of inspecting officer on waste dump management	Waste dump-1, E55/E640 and N300/N220	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.

#### Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	Backfilling of 0.8 ha area was proposed in plan period during 2015-16.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
5b	Area under backfilling of mined out area	Backfilling of 0.8 ha area was proposed in plan period during 2015-16.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Backfilling of 0.8 ha area was proposed in plan period during 2015-16.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.

5d	Total area fully reclaimed and rehabilitated	Backfilling of 0.8 ha area was proposed in plan period during 2015-16.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
5e	General remarks of inspecting officers on backfilling and reclamation etc.	Backfilling of 0.8 ha area was proposed in plan period during 2015-16.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.

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Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Not specified.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
6b	Area available for rehabilitation (ha) .	Backfilling of 0.8 ha area was proposed in plan period during 2015-16.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
6c	afforestation done (ha).	0.25 ha dump area by 1000 nos. of plantation.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
6d	No. of saplings planted during the year	0.25 ha dump area by 1000 nos. of plantation.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
6e	Cumulative no .of plants	Not specified.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.

6f	Any other method of rehabilitation	Backfilling of 0.8 ha area was proposed in plan period during 2015-16.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
6g	Cost incurred on watch and care during the year	Not specified.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	Backfilling of 0.8 ha area was proposed in plan period during 2015-16.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Backfilling of 0.8 ha area was proposed in plan period during 2015-16.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	Backfilling of 0.8 ha area was proposed in plan period during 2015-16.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Backfilling of 0.8 ha area was proposed in plan period during 2015-16.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	Backfilling of 0.8 ha area was proposed in plan period during 2015-16.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.

6m	Compliance of rehabilitation of waste land within lease (i)afforestation	0.25 ha area of safet zone by 1000nos. of saplings.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	0.25 ha area of safet zone by 1000nos. of saplings.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	0.25 ha area of safet zone by 1000nos. of saplings.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Backfilling of 0.8 ha area was proposed in plan period during 2015-16.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.

#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Gradewise sorting.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual sorting.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
7c	Different grade of mineral sorted out at mines.	30-40%Al2O3 and +40%Al2O3	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.

7d	Any beneficiation process at mines .	Not proposed.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Gradewise sorting 30-40%Al <sub>2</sub> O <sub>3</sub> and +40%Al <sub>2</sub> O <sub>3</sub> .	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.

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Environment :

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not proposed.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
8b	Concurrent use or storage of topsoil	Not proposed.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate dumping for overburden and mineral reject.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Backfilling of 0.8 ha area was proposed in plan period during 2015-16.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Backfilling of 0.8 ha area was proposed in plan period during 2015-16.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	2000 nos. of saplings.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
8g	Survival rate	Not specified.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
8h	Water sprinkling on roads to control airborne dust	Water sprinkling.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Backfilling of 0.8 ha area was proposed in plan period during 2015-16.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.

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#### Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Annual returns for 2018-19 has been submitted by lessee.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.	Mines is not in operation since 20/05/1992 due to want of statutory clearances.

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**Details of violations observed during current inspection and compliance position of violation pointed out**

Violation observed		Show cause position	
Rule NO.	Issued on Compliance on	Rule NO.	Issued on Compliance on

**Date :**

(DAYANAND UPADHYAY)

Indian Bureau of Mines